

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Course Code & Name : **23ECT203 & Linear Integrated Circuits**

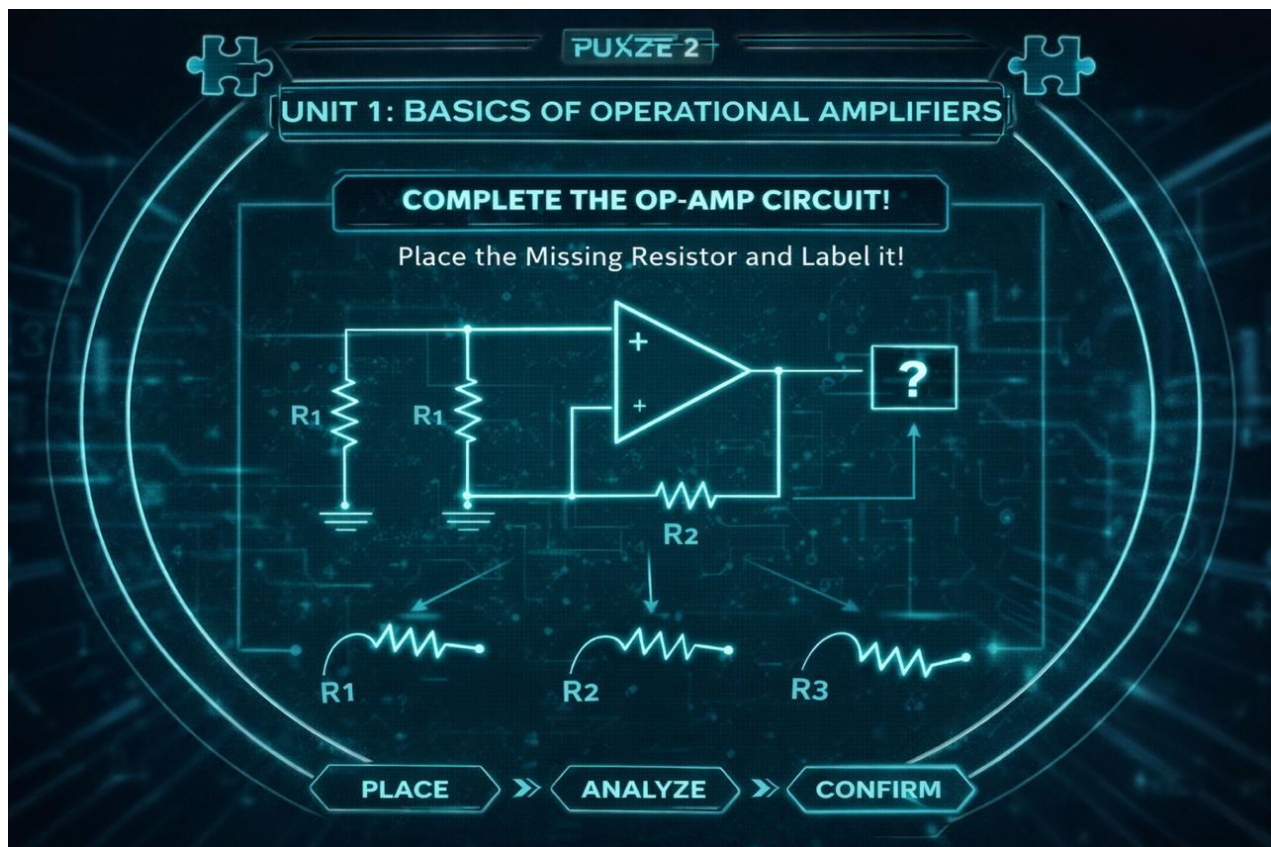
Course Faculty : **Ms.V.Aishwarya AP/ECE**

Puzzles / In Class Activities

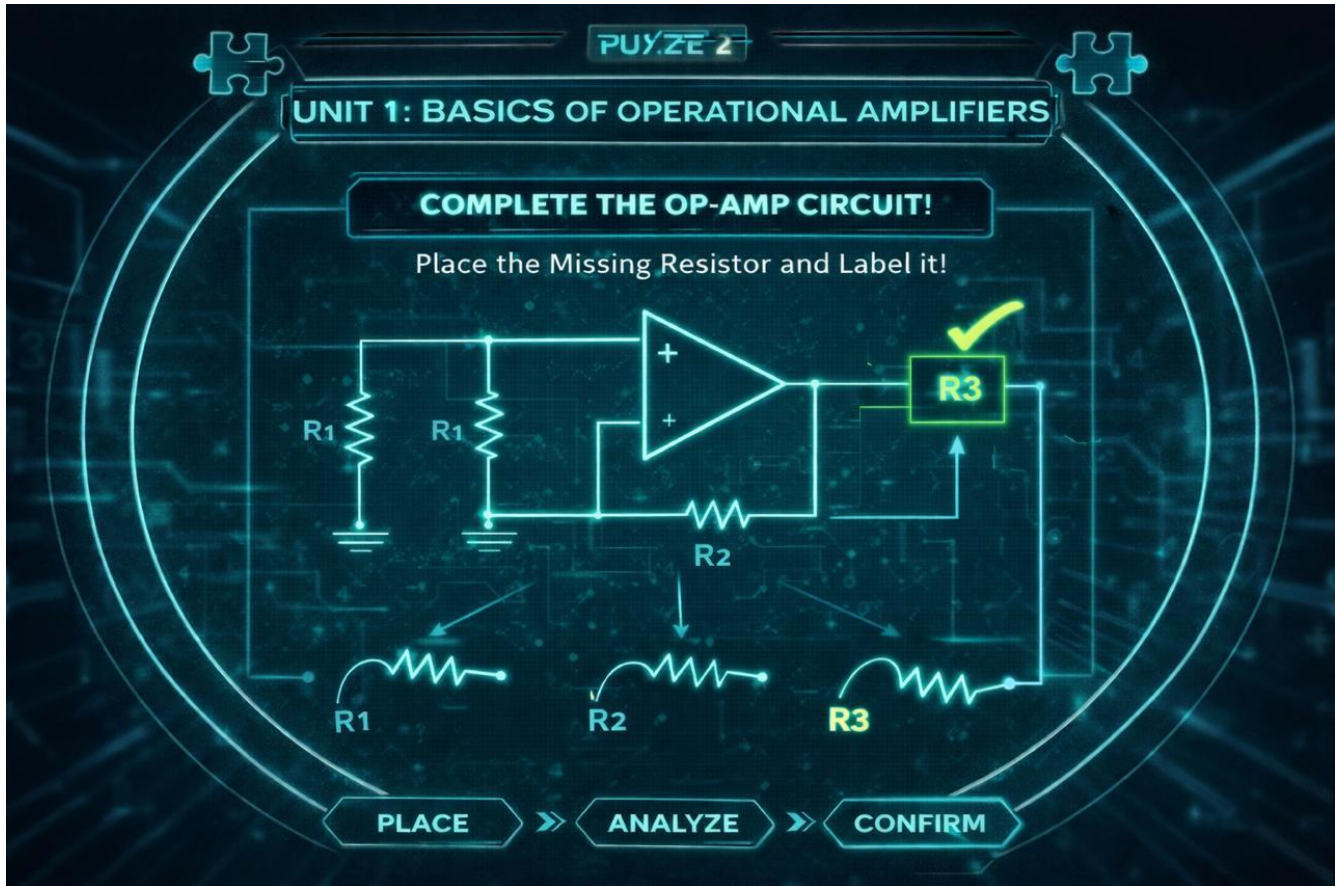
Topics Covered: **Unit 1 – Basics of Operational Amplifiers**

Puzzle 1

Question: Which important circuit connection is needed to make the op-amp work properly and give a stable output?



Answer :



Puzzle 2

Question : Identify the type of Filter

PUZZLE 2

UNIT 1 : BASICS OF OPERATIONAL AMPLIFIERS

FILTER IDENTIFICATION CHALLENGE:
OP-AMP FREQUENCY ANALYZER

Identify the Type of Filter!

LOW-PASS FILTER HIGH-PASS FILTER BANDPASS FILTER

SCAN >> ANALYZE >> CONFIRM

Answer:

PUZZLE 2

UNIT 1: BASICS OF OPERATIONAL AMPLIFIERS

FILTER IDENTIFICATION CHALLENGE:
OP-AMP FREQUENCY ANALYZER

Identify the Type of Filter!

LOW-PASS FILTER

BANDPASS FILTER ✓

BANDPASS FILTER

Correct Answer:

SCAN >> **ANALYZE** >> CONFIRM